

138837 ✓
April 10, 1973

Mr. J. F. Hopkins
Plant Manager
American Cyanamid Company
Nelson County
Piney River, Virginia 22964

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Dear Mr. Hopkins:

The Executive Secretary has conditionally approved the plan for abating the pollution due to run-off and seepage from the stockpile of coppers, submitted by you to serve the American Cyanamid Company, Piney River Plant. This approval is in accordance with the memorandum dated March 12, 1973, from Millard H. Robbins, Jr. A copy is enclosed for your information.

If you have any questions, please do not hesitate to contact us.

Sincerely,

Millard H. Robbins, Jr.
Director
Bureau of Applied Technology

LGL:sc

cc: Central Regional Office - SICKS

Enclosure - Memorandum dated March 12, 1973

PLAINTIFF'S
EXHIBIT
39

AR100245

RECEIPT FOR CERTIFIED MAIL (plus postage)

NO. 449180

DATE 4-11-73

TO: J. F. Hopkins, Plant Mgr.
American Cyanamid Co.
Princy, Ruiss, Co. 22964

FROM: [illegible]

AMOUNT: [illegible]

REMARKS: [illegible]

RECEIPT FOR CERTIFIED MAIL (plus postage)

J. F. Hopkins, Plant Mgr.
American Cyanamid Co.
Princy, Ruiss, Co. 22964 4-11-73

100246

AR 100246

MEMORANDUM

State Water Control Board

6010 WEST BROAD STREET

P. O. Box 13185

RICHMOND, VA 23210

SUBJECT: American Cyanamid Company, Piney River, Virginia

TO: Executive Secretary

FROM: Millard H. Robbins, Jr.

DATE: March 12, 1973

COPIES:

The Board received as a report at its meeting of January 26-27, 1971, a memorandum that the Piney River Plant of the American Cyanamid Company would cease operations permanently in June 1971. Although operations at the plant have ceased, a waste pile of approximately 104,000 tons of ferrous sulfate (copperas) continues to seep acid to the river in sufficient quality and quantity to violate stream standards. By letter dated September 28, 1972, the Board directed the Company to submit detailed plans for the elimination of this discharge including an acceptable schedule.

By letter dated October 31, 1972, Mr. J. F. Hopkins, Plant Manager, American Cyanamid Company, submitted a plan for abating the pollution due to run-off and seepage from the stockpile of copperas. The submittal proposes to move the stockpile from its present site to an existing mine tailings pond for ultimate burial. The proposal includes detailed description of how the waste will be removed, transported, and buried to prohibit water quality damage. The Company estimates that removal and placement of the copperas pile will be completed in 6 to 8 months (depending on weather conditions) after approval to proceed is granted by the Board.

Staff Comments:

The staff has evaluated the proposed burial site as to the soil conditions, underlying rock formations, and ground water and we believe these wastes properly buried will have no effect on surface or ground water in the area.

Staff Recommendations:

The staff recommends that the proposal be approved subject to the following:

- (1) A three-foot compacted-clay cover that is now included in the operational plans be extended to shield the outside slope of the encompassing tailings dike as well as the inside slope of the natural-clay boundary.
- (2) A monitoring well be drilled between the site and the river for the purpose of testing the underground water quality.

LHR:cc

APPROVED:

Signature of Executive Secretary
Executive Secretary

APR 5 1973

AR100247